# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: HUGGAHALLI et al.    )

)

) Examiner: Not yet assigned

Serial No.: Not yet assigned    )

) Group Art Unit: Not yet assigned

Filing Date: Filed herewith    )

) **INTEL Docket No.: P17381**

For:  DYNAMICALLY SETTING ROUTING  )
     INFORMATION TO TRANSFER INPUT  )
     OUTPUT DATA DIRECTLY INTO  )
     PROCESSOR CACHES IN A MULTI  )
     PROCESSOR SYSTEM  )

**MS PATENT APPLICATION**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

## UTILITY PATENT APPLICATION TRANSMITTAL
### (Large Entity)

Sir:

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled: **DYNAMICALLY SETTING ROUTING INFORMATION TO TRANSFER INPUT OUTPUT DATA DIRECTLY INTO PROCESSOR CACHES IN A MULTI PROCESSOR SYSTEM**

and invented by: **HUGGAHALLI et al.**

Enclosed are:

1. ☑ Filing Fee as calculated and transmitted as described below

2. ☑ Specification having <u>14</u> pages and including the following:

    a.  ☑ Descriptive Title of the Invention

    b. ☐ Cross references to Related Applications *(if applicable)*

    c. ☐ Statement Regarding Federally-sponsored Research/Development

    d. ☐ Reference to Microfiche Appendix *(if applicable)*

    e. ☑ Background of the Invention

    f. ☐ Brief Summary of the Invention

    g. ☑ Brief Description of the Drawings *(if drawings filed)*

    h. ☑ Detailed Description

    i. ☑ Claim(s) as Classified Below

    j. ☑ Abstract of the Disclosure

3. ☑ Drawing(s) *(when necessary as prescribed by 35 USC 113)*

    a. ☑ Formal         Number of Sheets 7

    b. ☐ Informal      Number of Sheets

4. ☑ Oath or Declaration

    a. ☑ Newly executed *(original or copy)*        ☐ Unexecuted

    b. ☐ Copy from a prior application (37 CFR 1.63(d))

    c. ☑ With Power of Attorney        ☐ Without Power of Attorney

    d. ☐ <u>DELETION OF INVENTOR(S)</u>
       Signed statement attached deleting inventor(s) named in the Prior Application,
       see 37. CFR 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
   The entire disclosure of the prior application, from which a copy of the oath or
   declaration is supplied under Box 4b, is considered as being part of the disclosure of
   the accompanying application and is hereby incorporated by reference therein.

6. ☑ Assignment Papers *(cover sheet & documents(s))*

7. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*

8. ☐ English Translation Document *(if applicable)*

9. ☐ Information Disclosure Statement/PTO-1449     ☐ Copies of IDS Citations

10. ☐ Preliminary Amendment

11. ☑ Acknowledgement Postcard

12. ☑ Mailed Via

    ☐ First Class        ☑ Express Mail *(Specify Label No.)* **EL963891113US**

13. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

14. ☐ Request and Certification under 35 USC 122(b)(2)(B)(i) *(attach PTO/SB/35)*

15. ☑ Additional Enclosures: <u>Credit Card Payment Form</u>
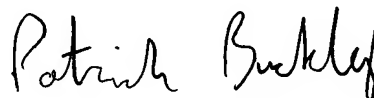
## FEE CALCULATION

| For | No. Filed | No. Allowed | No. Extra | Rate | Fee |
|---|---|---|---|---|---|
| Total Claims | 21 | - 20 | 1 | $ 18.00 | $ 18.00 |
| Indep. Claims | 5 | - 3 | 2 | $ 86.00 | $ 172.00 |
| Multiple Dependent Claims  (If applicable, please add  $ 290.00) | | | | | $ 0.00 |
| | | | | **BASIC FEE** | $ 770.00 |
| **OTHER FEE** (specify purpose): | | | | | $ 0.00 |
| | | | | **TOTAL FILING FEE** | **$960.00** |

Credit Card Authorizations for **$960.00** and **$40.00** are enclosed.

The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1852 as described below.  A duplicate copy of this sheet is enclosed.

&#9745;  Credit any overpayment.
&#9745;  Charge any additional fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,

December 16, 2003
Date

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